# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Thursday 09 Mar 2023 until 23:59 on Friday 10 Mar 2023

Forecast Issued on Wednesday 08 Mar 2023 at 16:36

**Confidence:** High becoming Medium on Saturday and Low from Sunday.

**Headline for Thursday 09 Mar 2023:** Full winter hazards with heavy snow and blizzards conditions.

**Mountain weather hazards on Thursday 09 Mar 2023**

| | | |
|---|---|---|
| **Blizzards**<br>High Likelihood | **Heavy persistent snow**<br>High Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Medium Likelihood | **Severe chill effect**<br>High Likelihood | **Poor visibility**<br>High Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Dull | Mist | Light snow | Heavy snow | Heavy snow | Heavy snow | Heavy snow | Heavy snow |
| Precipitation probability | | | | | | | |
| 40% | 30% | 50% | 60% | 80% | 70% | 80% | 70% |

**Forecast for Thursday 09 Mar 2023**

**Weather:** Patchy light snow overnight. The snow becoming more persistent during the morning, often heavy with blizzard conditions, drifting and a severe wind chill.

**Chance of cloud-free hill tops above 600m:** Nil to 20%.

**Low cloud and visibility:** Extensive cloud, base 200 to 500m. Visibility moderate to very poor, the sky obscured in heavy snow with whiteout conditions at times.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Thursday 09 Mar 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 19/24 E | 17/22 E | 17/23 E | 22/29 E | 25/34 E | 25/35 E | 28/40 E | 29/39 E | 31/42 NE |
| **300** | 13/19 NE | 12/19 NE | 13/19 E | 16/24 E | 20/31 E | 22/37 E | 25/41 E | 26/39 E | 28/43 NE |
| **Valley** | 12/25 E | 13/25 E | 12/25 E | 13/26 E | 16/32 E | 20/38 E | 23/45 E | 24/47 E | 25/50 NE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -3/-11 | -3/-10 | -3/-10 | -3/-10 | -2/-10 | -2/-10 | -2/-11 | -2/-10 | -3/-12 |
| **300** | -1/-6 | -1/-6 | -1/-6 | -0/-6 | -0/-7 | -0/-7 | -0/-8 | 0/-7 | -0/-8 |
| **Valley** | -0/-5 | -0/-6 | -0/-5 | 0/-5 | 0/-6 | 1/-6 | 0/-7 | 0/-7 | 0/-7 |
| **Freezing Level*** | 100m | 100m | 100m | 200m | 200m | 200m | 200m | 200m | 200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Some very poor winter conditions expected during daylight hours and the evening. Gusts of around 50mph over the tops with whiteout conditions.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Wed 08 Mar 2023 | 0mm | 1mm | 7.4mm |

**Forecast for Friday 10 Mar 2023**

**Weather:** Outbreaks of snow continuing overnight, then turning to snow showers during the morning. Bright and sunny spells developing and winds easing during the day. Clear skies and a widespread frost in the evening.

**Maximum wind:** Northeast 30 gusts 40mph, decreasing North 15mph around midday.

**Chance of cloud-free hill tops above 600m:** 20% overnight and early morning, rising to 90% by afternoon.

**Low cloud and visibility:** Extensive cloud, base 600m or less, soon lifting and breaking above the summits during daylight hours.

**Temperature:** **Valleys:** Minus 2 rising to Plus 3 Celsius around the middle of the day.
**At 600m:** Zero to Minus 5 Celsius
**Freezing level:** All levels early and later in the day, rising to around 600m early afternoon

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